



## SEQUENCE LISTING

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<120> COMBINATORIAL SELECTION OF PHOSPHOROTHIOATE  
SINGLE-STRANDED DNA APTAMERS FOR TGF-BETA-1 PROTEIN

<130> UTMB:1022

<140> 10/828,934  
<141> 2004-04-21

<150> 10/272,509  
<151> 2002-10-16

<150> 09/425,798  
<151> 1999-10-25

<150> 09/425,804  
<151> 1999-10-25

<150> 60/105,600  
<151> 1998-10-26

<160> 63

<170> PatentIn Ver. 3.2

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<400> 11  
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<400> 18  
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<210> 19  
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 <223> a, t, c or g

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41

<210> 22  
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 peptide

<400> 22  
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 1 5

<210> 23  
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<400> 23  
 cccccccccc cccc

14

<210> 24  
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<400> 24  
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<210> 25  
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<400> 25  
 aaggggacag gcaatggaca cgtcaccaca 30

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<210> 26  
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<400> 26  
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<210> 27  
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<400> 27  
 gtgaaagtgc aatggatcca ggacccccaca 30

<210> 28  
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 <212> DNA  
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<400> 28  
gtggcaaggg aaccgatacg cgactctcca

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<210> 29  
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<400> 29  
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<210> 30  
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<210> 31  
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<210> 32  
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<210> 33  
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<400> 33  
 gtgacgggaa tcgatgcaca gagccataca 30

<210> 34  
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<400> 34  
 acggggctat actgtatcca cggcaccacc 30

<210> 35  
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<400> 35  
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<210> 36  
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<400> 36  
 aggagaagtg gcaaggcaac tgacagtcca 30

<210> 37  
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<210> 38  
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 aggcagagca gcgattcaat gccacaacg

29

<210> 39  
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<400> 39  
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30

<210> 40  
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 <212> DNA  
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30

<210> 41  
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<400> 41  
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<210> 42  
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oligonucleotide

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<210> 43  
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oligonucleotide

<400> 43  
caggtaggct aggagattac atcgacacc 29

<210> 44  
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<212> DNA  
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<400> 44  
aagcctaggg gagtaataca acgggcaacg 30

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aggtaaaagg cctgggtgtc aatgtccaca 30

<210> 46  
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30

<210> 47  
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<210> 48  
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25

<210> 49  
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<210> 50  
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<210> 51

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<210> 52

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30

<210> 53

<211> 30

<212> DNA

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<210> 54

<211> 30

<212> DNA

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<210> 55  
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oligonucleotide

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<210> 57  
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oligonucleotide

<400> 57  
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<210> 58  
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tgaagagata tagctgagca gagaggtcac

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 <223> a, t, c or g

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<400> 59  
 gtgacatgga ncttggggtn gagatgccca

30

<210> 60  
 <211> 30  
 <212> DNA  
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<400> 60  
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<210> 61  
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 cgtgaagccg agcg 74

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 <211> 74  
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<220>  
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## oligonucleotide

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cagtcaggat gctctagagt gacgtgaaag tgcaatggat ccaggacccc acacgaatct 60  
 cgtgaagccg agcg 74

&lt;210&gt; 63

&lt;211&gt; 74

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
 oligonucleotide

&lt;400&gt; 63

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 cgtgaagccg agcg 74